

BATTERY POWERED DEVICE AND METHOD EMPLOYING  
MONITORED USAGE TO RECOMMEND BATTERY TYPE

ABSTRACT OF THE INVENTION

The present invention recommends a battery type to use with a battery-powered  
5 device based on a use model determined for the device. The recommended battery  
type has a constructive effect on one or both of device performance and battery  
performance or life during device usage according to the use model. The present  
invention further monitors the device usage to determine the use model. Both the use  
model and the recommended battery type are adaptive based on the monitored device  
10 usage. The battery-powered device has a use model-based adaptive battery type  
selection that includes a monitor that determines the use model, a controller, a  
memory and a computer program stored in the memory and controlled by the  
controller. The computer program includes instructions that recommend a battery  
type based on a determined use model. A method of recommending a battery type is  
15 implementable by the computer program.